

CBRN Escape Respirator

CBRN APR Escape Flammability Concept

- ANSI/ISEA Air-Purifying Respiratory Protective Smoke Escape Device - Draft
- EN 136 Test Equipment
- No After Flame After 5 Seconds
- No Drip, Melt, Hole or Other Damage

CBRN Escape Respirator

CBRN APR Escape Donning Concept

- Donning Time Requirement
 - 30 Seconds
 - From Ready To Use Configuration
 - Ready To Use = Operational Package
Prior To Use

CBRN Escape Respirator

CBRN APR Escape Service Life Concept

- Rated Service Life 15, 30, 45, or 60 Minutes as Specified by the Manufacturer
- Rated Service Life Must Met For Each Test Representative Agent

CBRN Escape Respirator

- Escape Respirator Head Covering Concept
 - The escape respirator shall be designed as a hooded device.
 - The hood shall include an area for field vision and shall be compatible with wearing of glasses.

CBRN Escape Respirator

- Concept Issues To Be Addressed
- Human Interface Observations During Benchmark Testing
 - Difficulty Donning Opening Neck Dam
 - Choking From Tightness of Neck Dam
 - Light Headedness & Headache
 - Gag Reflex from Mouthpiece
 - Visual Distortion from Fogging